*RETURN TO FMF - LOCATION 7540 Pre-Edit

QUERY CONTROL FORM			RTIS USE ONLY
Application No. 09870332	Prepared by	LH	Tracking Number
Examiner-GAU Vincent 1731	Date	5-3-04	Week Date
	No. of queries	1	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION
- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

CLAIMS
- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- (f.) Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other

MESSAGE (A) Claims: Claim 1 line 5 appears to have a period which is before the end of claim

(B) Claim 12 does not end with a punctuation mark

Please resolve

Thanks

initials LH

RESPONSE Corrected See attached

initials JDW 5/12/04

What is claimed:

1. A method for sensing the temperature of glass during a manufacturing operation comprising:

subjecting glass having a first temperature to thermal changes by delivering a fluid having a second temperature to the glass, the second temperature different than the first temperature,

delivering an excitation beam through the fluid to excite photoluminescence in the glass,

detecting the excited photoluminescence from at least one location within the glass,

determining the temperature of the glass at the at least one location from the detected photoluminescence.

2. The method of claim 1 wherein the fluid is a cooling fluid.

3. The method of claim 2 further comprising adjusting the flow of the cooling fluid in response to the detected photoluminescence at at least one location in the glass.

4. The method of claim 3 wherein the cooling fluid is delivered from a plurality of orifices and wherein the adjusting includes controlling fluid flow through the plurality of orifices.

12. The method of claim 11 further comprising:

detecting excited photoluminescence and scattered excitation light at a plurality of locations at varying depths in the glass, and

determining the temperature at the plurality of locations from the detected scattered excitation light and the detected photoluminescence.

13. A method of determining a portion of the temperature distribution in a piece of glass comprising:

selecting an element in the glass,

exciting photoluminescence of the selected element at at least one location within the glass with a substantially continuous light source,

while exciting the photoluminescence, detecting the excited photoluminescence over a predetermined time period from the at least one location within the glass,

determining the temperature at the at least one location from the detected photoluminescence.

14. The method of claim 13 wherein said glass includes a portion with a first surface and an opposing second surface defining a thickness therebetween and wherein the at least one location comprises approximately a midpoint between the first and second surfaces.